



25Y5

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**HIGH-VACUUM RECTIFIER-DOUBLER**

Heater	Coated Unipotential Cathodes	
Voltage	25	a-c or d-c volts
Current	0.3	amp.
Maximum Overall Length		4-3/16"
Maximum Seated Height		3-9/16"
Maximum Diameter		1-9/16"
Bulb		ST-12
Base		Small 6-Pin
Pin 1 - Heater		Pin 4 - Cathode #1
Pin 2 - Plate #2		Pin 5 - Plate #1
Pin 3 - Cathode #2		Pin 6 - Heater
Mounting Position		Any



BOTTOM VIEW (6E)

RECTIFIER

Peak Inverse Voltage		700 max. volts
Peak Plate Current per Plate		450 max. ma.
D-C Heater-Cathode Potential		350 max. volts
<i>Operation as Half-Wave Rectifier with Condenser-Input Filter:*</i>		
A-C Plate Volt. per Plate (RMS)	150	235 max. volts
Total Effective Plate-Supply Impedance per Plate ^Δ	0	0 ohms
D-C Output Current per Plate	75 max.	75 max. ma.

* In half-wave rectifier service, the two units may be used separately or in parallel.

Δ When a filter-input condenser larger than 40 μf is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.

The curve under type 25Z6 also applies to the 25Y5.

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RCA RADOTRON DIVISION
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TENTATIVE DATA